

09/680, 271

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August 1, 2003  
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NEWS 6 AUG 18 Data available for download as a PDF in RDISCLOSURE  
NEWS 7 AUG 18 Simultaneous left and right truncation added to PASCAL  
NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right  
Truncation  
NEWS 9 AUG 18 Simultaneous left and right truncation added to ANABSTR  
NEWS 10 SEP 22 DIPPR file reloaded  
NEWS 11 SEP 25 INPADOC: Legal Status data to be reloaded  
NEWS 12 SEP 29 DISSABS now available on STN  
NEWS 13 OCT 10 PCTFULL: Two new display fields added  
NEWS 14 OCT 21 BIOSIS file reloaded and enhanced  
NEWS 15 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced  
  
NEWS EXPRESS OCTOBER 01 CURRENT WINDOWS VERSION IS V6.01a, CURRENT  
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003  
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FILE 'HOME' ENTERED AT 16:39:23 ON 04 NOV 2003

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 16:39:32 ON 04 NOV 2003

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STRUCTURE FILE UPDATES: 3 NOV 2003 HIGHEST RN 612478-18-9  
DICTIONARY FILE UPDATES: 3 NOV 2003 HIGHEST RN 612478-18-9

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

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Experimental and calculated property data are now available. See HELP  
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in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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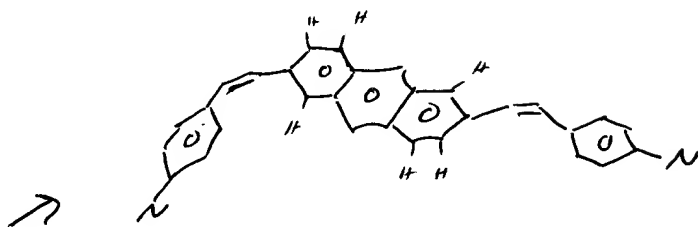
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L1 STRUCTURE UPLOADED

=> d query

L1 STR

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 16:39:54 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 132 TO ITERATE

100.0% PROCESSED 132 ITERATIONS  
SEARCH TIME: 00.00.01

5 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 1951 TO 3329  
PROJECTED ANSWERS: 5 TO 234

L2 5 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 16:39:59 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 2730 TO ITERATE

100.0% PROCESSED 2730 ITERATIONS  
SEARCH TIME: 00.00.01

52 ANSWERS

L3 52 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
148.15	148.36

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 16:40:02 ON 04 NOV 2003  
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FILE COVERS 1907 - 4 Nov 2003 VOL 139 ISS 19  
FILE LAST UPDATED: 3 Nov 2003 (20031103/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L4                    7 L3

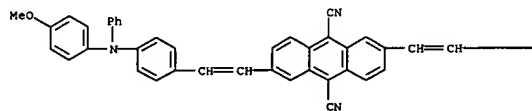
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L4 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN  
 AB We developed novel distyryl compds. aiming red light-emitting materials for org. EL active panels. Both photoluminescence and electroluminescence spectra have the peaks in the region of 630-650 nm. They have good fluorescence quantum yield(0.8-0.97, in soln.), and high glass transition temp.(103-120.degree.C). Use of BSN as an emitting material enables fabrication of fine red EL device that exhibits high luminance efficiency.

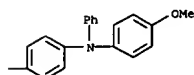
ACCESSION NUMBER: 2003:426713 CAPLUS  
 DOCUMENT NUMBER: 139:252434  
 TITLE: Red emitting materials for organic EL display  
 AUTHOR(S): Ichimura, Mari; Ishibashi, Tadashi; Ueda, Naoyuki; Tamura, Shin-ichiro  
 CORPORATE SOURCE: Organic EL Development, Core Technology & Network Company, Japan  
 SOURCE: Proceedings of the Sony Research Forum (2002), Volume Date 2001, 11th, 329-334  
 CODEN: PSRFFO; ISSN: 1340-3508  
 PUBLISHER: Soni K.K., R & D Senryakubu  
 DOCUMENT TYPE: Journal; (computer optical disk)  
 LANGUAGE: English

IT 253868-96-1P  
 RL: DEV (Device component use); PRP (Properties); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)  
 (red emitting materials for org. EL display)  
 RN 253868-96-1 CAPLUS  
 CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[(4-methoxyphenyl)phenylamino]phenyl]ethenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN  
 AB The element has an org. layer (including a light-emitting region) between an anode and a cathode, wherein the org. layer contains an elec. conductive polymer including a styryl compd. (a distyryl compd., preferably) chem. bonded to the main or side chain of the polymer.

ACCESSION NUMBER: 2002:553526 CAPLUS  
 DOCUMENT NUMBER: 137:132204  
 TITLE: Organic electroluminescent (EL) elements for full-color flat displays with high brightness and durability  
 INVENTOR(S): Tamura, Shinichiro; Ishibashi, Tadashi; Ichimura, Mari  
 PATENT ASSIGNEE(S): Sony Corp., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 32 pp. CODEN: JKOXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

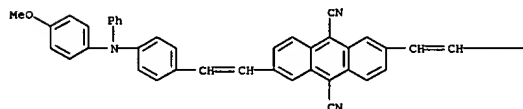
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002208488	A2	20020726	JP 2001-4859	20010112
PRIORITY APPL. INFO.:			JP 2001-4859	20010112

IT 443971-39-9 443971-41-3  
 RL: TEM (Technical or engineered material use); USES (Uses)  
 (light emitter; org. EL elements contg. elec. conductive polymers having distyryl structures with high brightness and durability)  
 RN 443971-39-9 CAPLUS  
 CN 9,10-Anthracenedicarbonitrile, 2-[2-[(4-[(2-ethylhexyl)oxy]-2,5-diiodophenoxy)phenyl]phenylamino]phenyl]ethenyl]-6-[2-[(4-methoxyphenyl)phenylamino]phenyl]ethenyl]-, polymer with 1-[(2-ethylhexyl)oxy]-2,5-diiodo-4-methoxybenzene and 2,2'-[2-[(2-ethylhexyl)oxy]-5-methoxy-1,4-phenylene]di-2,1-ethenediyl]bis[1,3,2-dioxaborolane] (9CI) (CA INDEX NAME)

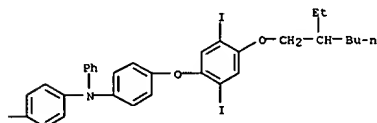
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 CMF C71 H58 I2 N4 O3

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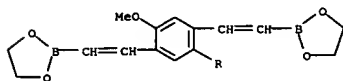


L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
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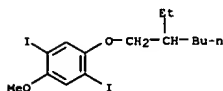
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CRN 443971-32-2  
 CMF C23 H34 B2 O6



CM 3

CRN 262355-67-9  
 CMF C15 H22 I2 O2

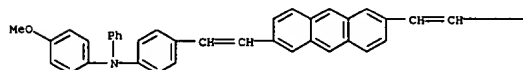


RN 443971-41-3 CAPLUS  
 CN Benzenamine,  
 N-[4-[(4-[(2-ethylhexyl)oxy]-2,5-diiodophenoxy)phenyl]-4-[2-[(2-[(4-methoxyphenyl)phenylamino]phenyl]ethenyl]-2-anthracenyl]ethenyl]-N-phenyl-, polymer with 1-[(2-ethylhexyl)oxy]-2,5-diiodo-4-methoxybenzene and 2,2'-[2-[(2-ethylhexyl)oxy]-5-methoxy-1,4-phenylene]di-2,1-ethenediyl]bis[1,3,2-dioxaborolane] (9CI) (CA INDEX NAME)

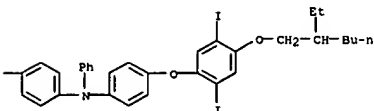
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L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
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 CMF C69 H60 I2 N2 O3

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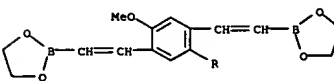


PAGE 1-B



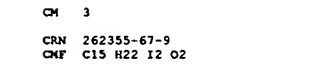
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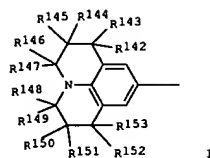
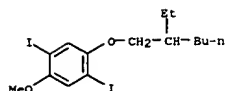
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CM 3

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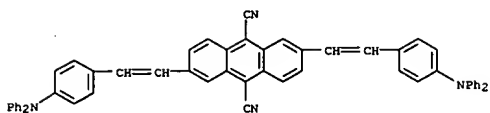


AB The electroluminescence (EL) elements contain aminostyryl compds. Y1CH:CHX1CH:CHY2 and/or Y3CH:CHX2 [X1 = substituted anthracenylene (substituent = halo, nitro, cyano, CF3, etc.); X2 = (un)substituted Ph, naphthalenyl, anthracenyl, phenanthrenyl, pyrenyl (substituent = H, halo, nitro, cyano, CF3); Y1-3 = H, alkyl, aryl that may contain C6H4N1Z2, I, or (un)substituted Ph; Z1, Z2 = H, alkyl, aryl; R142-153 = H, alkyl, aryl, alkoxy, halo, etc.].

ACCESSION NUMBER: 2002:349431 CAPLUS  
DOCUMENT NUMBER: 136:377566  
TITLE: Red organic electroluminescence elements with good color stability and high brightness for displays  
INVENTOR(S): Ishibashi, Tadashi; Ichimura, Mari; Tamura, Shinichiro; Ueda, Naoyuki  
PATENT ASSIGNEE(S): Sony Corp., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 31 pp.  
CODEN: JKOXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

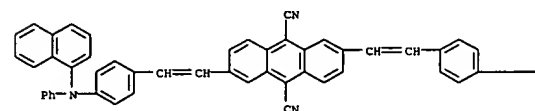
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002134276	A2	20020510	JP 2000-329902	20001030

PRIORITY APPLN. INFO.: JP 2000-329902 20001030  
OTHER SOURCE(S): MARPAT 136:377566  
IT 253869-00-0 321709-39-1  
RL: TEM (Technical or engineered material use); USES (Uses)  
(red org. EL elements with good color stability and high brightness for displays)  
RN 253869-00-0 CAPLUS  
CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[4-(diphenylamino)phenyl]ethenyl]- (9CI) (CA INDEX NAME)

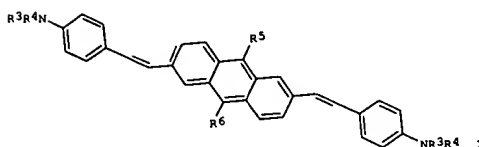
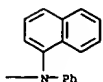


RN 321709-39-1 CAPLUS  
CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[4-(1-naphthalenylphenylamino)phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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PAGE 1-B



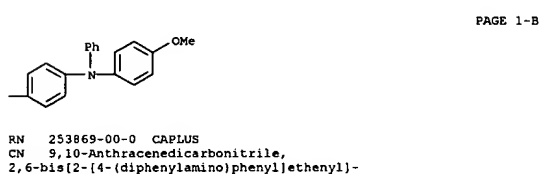
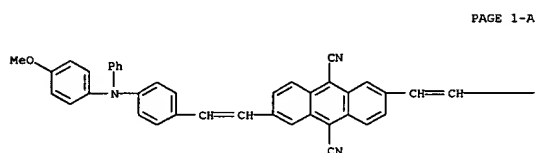
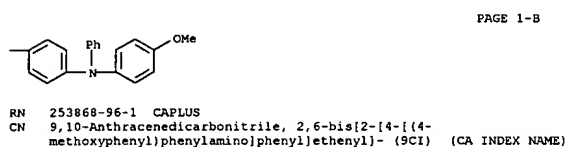
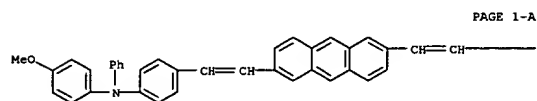
AB Title compds. e.g., (I: R2, R3 = unsubstituted aryl; R1, R4 = substituted aryl; R5, R6 = H, cyano, NO2, CF3, halo), were prepd. Thus, 9,10-dicyano-2,6-bis(diethylphosphonomethyl)anthracene (prepn. given) was stirred with NaH in THF/DMF: 4-[N-phenyl-N-(4-methoxyphenyl)amino]benzaldehyde in THF was added followed by 7 h stirring to give 144 I (R2, R3 = Ph; R1, R4 = 4-MeOC6H4; R5, R6 = cyano). This showed a fluorescence max. at 645 nm. Schematics of org. electroluminescent elements and a flat display are given.

ACCESSION NUMBER: 2001:261095 CAPLUS  
DOCUMENT NUMBER: 134:280615  
TITLE: Preparation of bis(aminostyryl)anthracenes as organic luminescent materials.  
INVENTOR(S): Ichimura, Mari; Ishibashi, Tadashi; Tamura, Shinichiro  
PATENT ASSIGNEE(S): Sony Corporation, Japan  
SOURCE: Eur. Pat. Appl., 145 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

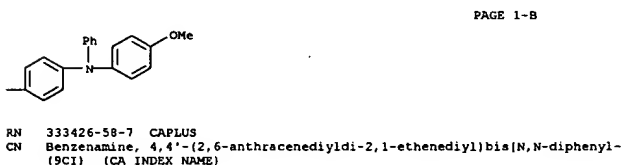
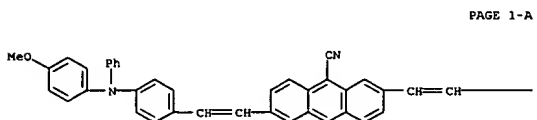
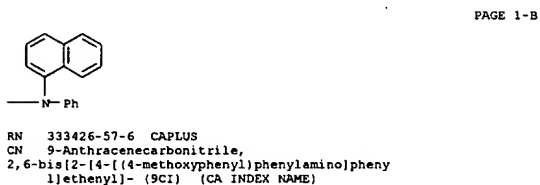
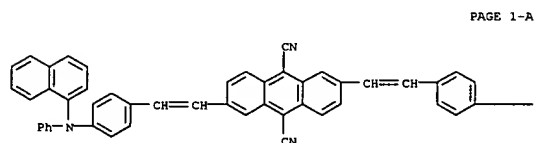
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JP 2001106657	A2	20010417	JP 1999-285254	19991006

PRIORITY APPLN. INFO.: JP 1999-285254 A 19991006  
OTHER SOURCE(S): MARPAT 134:280615  
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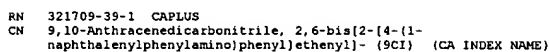
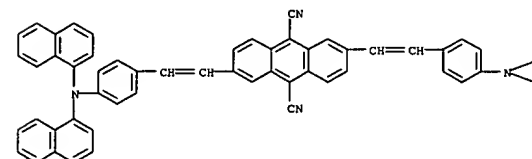
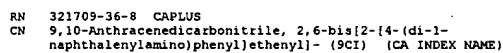
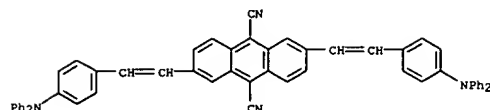
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 (Preparation); USES (Uses)  
 (prepn. of bis(aminostyryl)anthracenes as org. luminescent materials)  
 RN 253868-51-8 CAPLUS  
 CN Benzenamine, 4,4'-(2,6-anthracenediyl-di-2,1-ethenediyl)bis[N-(4-methoxyphenyl)-N-phenyl]- (9CI) (CA INDEX NAME)



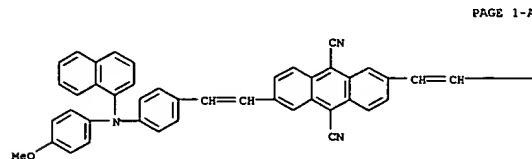
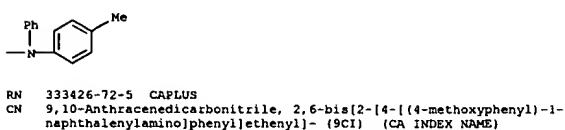
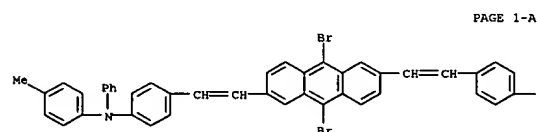
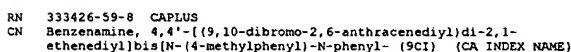
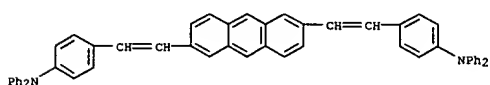
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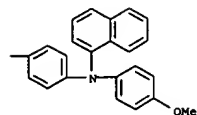
L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2003 ACS ON STN (Continued)  
 (9CI) (CA INDEX NAME)



L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2003 ACS ON STN (Continued)

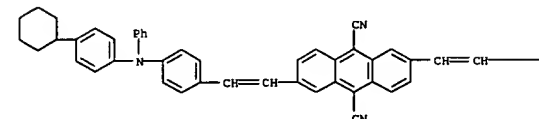


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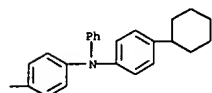


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PAGE 1-A

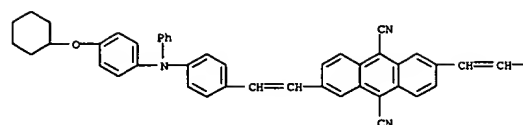


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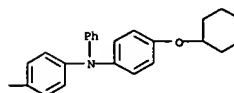


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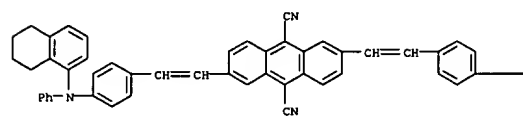


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RN 333426-75-8 CAPLUS  
CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[(4-phenyl(5,6,7,8-tetrahydro-1-naphthalenyl)amino]phenyl]ethenyl- (9CI) (CA INDEX NAME)

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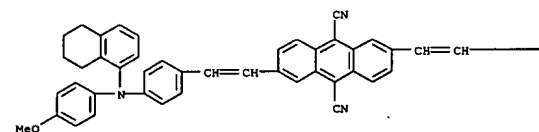


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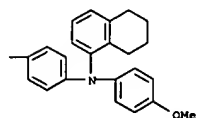


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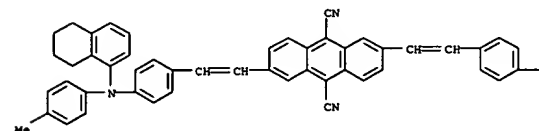


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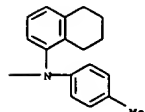


RN 333426-77-0 CAPLUS  
CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[(4-(4-methylphenyl)(5,6,7,8-tetrahydro-1-naphthalenyl)amino]phenyl]ethenyl- (9CI) (CA INDEX NAME)

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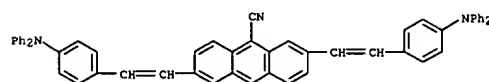


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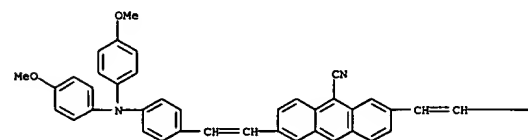
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(9CI) (CA INDEX NAME)

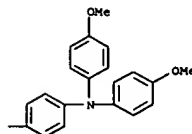


RN 333426-79-2 CAPLUS  
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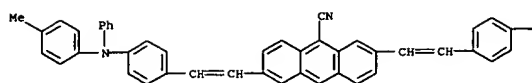


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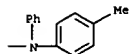


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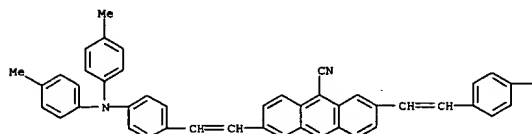


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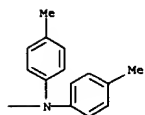


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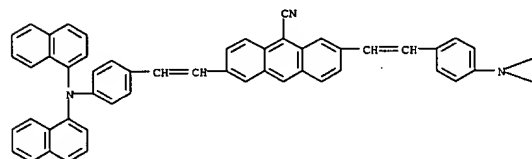


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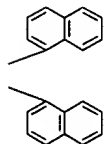


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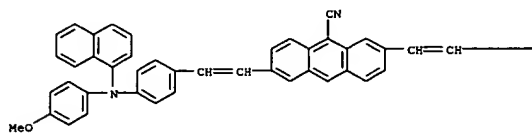


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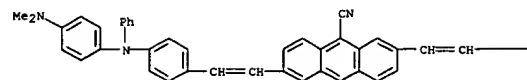


RN 333426-85-0 CAPLUS  
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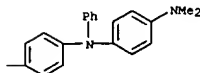
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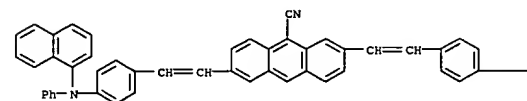


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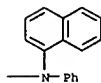


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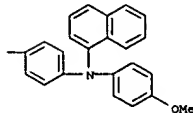


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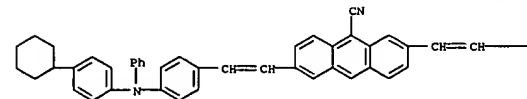
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CN 9-Anthracenecarbonitrile, 2,6-bis[2-[(4-(di-1-naphthalenylamino)phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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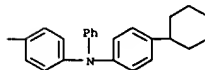


RN 333426-86-1 CAPLUS  
CN 9-Anthracenecarbonitrile, 2,6-bis[2-[(4-(4-cyclohexylphenyl)phenylamino]phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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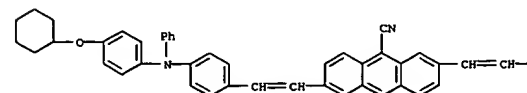


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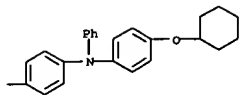


RN 333426-87-2 CAPLUS  
CN 9-Anthracenecarbonitrile, 2,6-bis[2-[(4-[(cyclohexyloxy)phenyl]phenylamino]phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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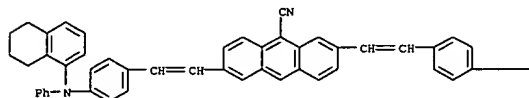


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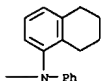


RN 333426-88-3 CAPLUS  
CN 9-Anthracenecarbonitrile, 2,6-bis[2-[(4-phenyl(5,6,7,8-tetrahydro-1-naphthalenyl)amino)phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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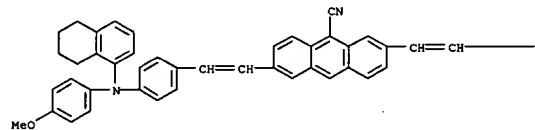


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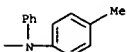


RN 333426-89-4 CAPLUS  
CN 9-Anthracenecarbonitrile, 2,6-bis[2-[(4-methoxyphenyl)(5,6,7,8-tetrahydro-1-naphthalenyl)amino]ethenyl]- (9CI) (CA INDEX NAME)

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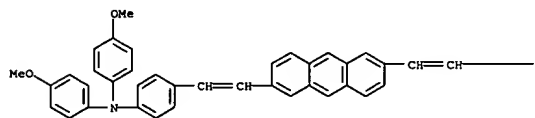


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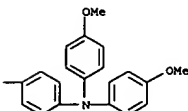


RN 333426-92-9 CAPLUS  
CN Benzenamine, 4,4'-(2,6-anthracenediyl)-2,1-ethenediylbis[N,N-bis(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

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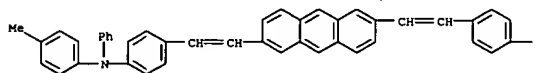


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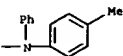


RN 333426-93-0 CAPLUS  
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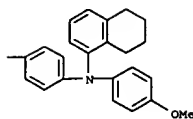
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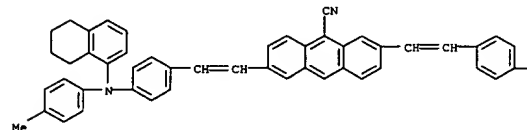


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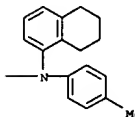


RN 333426-90-7 CAPLUS  
CN 9-Anthracenecarbonitrile, 2,6-bis[2-[(4-methylphenyl)(5,6,7,8-tetrahydro-1-naphthalenyl)amino]ethenyl]- (9CI) (CA INDEX NAME)

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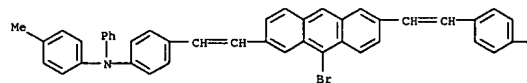


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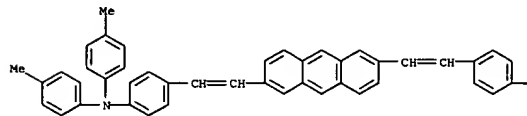
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CN Benzenamine, 4,4'-[(9-bromo-2,6-anthracenediyl)di-2,1-ethenediyl]bis[N-(4-methylphenyl)-N-phenyl- (9CI) (CA INDEX NAME)

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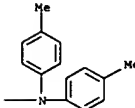


RN 333426-94-1 CAPLUS  
CN Benzenamine, 4,4'-(2,6-anthracenediyl)-2,1-ethenediylbis[N,N-bis(4-methylphenyl)- (9CI) (CA INDEX NAME)

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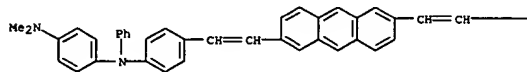


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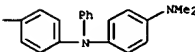


RN 333426-95-2 CAPLUS  
CN 1,4-Benzenediamine, N,N'-[2,6-anthracenediylbis(2,1-ethenediyl)-4,1-phenylene]bis[N,N'-dimethyl-N-phenyl- (9CI) (CA INDEX NAME)

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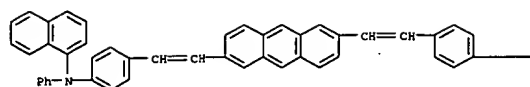


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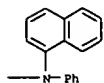


RN 333426-97-4 CAPLUS  
CN 1-Naphthalenamine, N,N'-[2,6-anthracenediylbis(2,1-ethenediyl)-4,1-phenylene]bis[N-phenyl- (9CI) (CA INDEX NAME)

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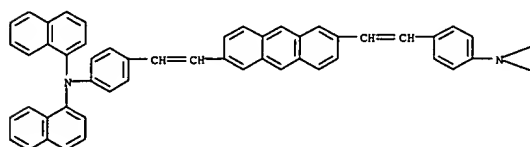


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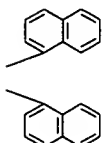


RN 333426-99-6 CAPLUS  
CN 1-Naphthalenamine, N,N'-[2,6-anthracenediylbis(2,1-ethenediyl)-4,1-phenylene]bis[N-(4-methoxyphenyl)] (9CI) (CA INDEX NAME)

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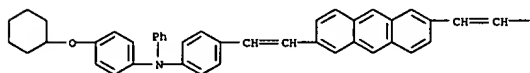


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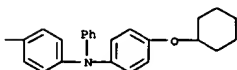


RN 333427-01-3 CAPLUS  
CN 1-Naphthalenamine, N,N'-[2,6-anthracenediylbis(2,1-ethenediyl)-4,1-phenylene]bis[N-(4-methoxyphenyl)] (9CI) (CA INDEX NAME)

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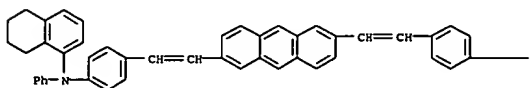


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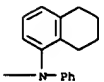


RN 333427-08-0 CAPLUS  
CN 1-Naphthalenamine, N,N'-[2,6-anthracenediylbis(2,1-ethenediyl)-4,1-phenylene]bis[5,6,7,8-tetrahydro-N-phenyl] (9CI) (CA INDEX NAME)

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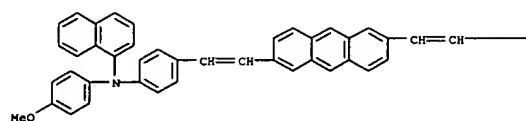


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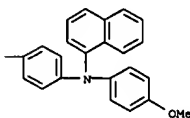


RN 333427-10-4 CAPLUS  
CN 1-Naphthalenamine, N,N'-[2,6-anthracenediylbis(2,1-ethenediyl)-4,1-phenylene]bis[5,6,7,8-tetrahydro-N-(4-methoxyphenyl)] (9CI) (CA INDEX NAME)

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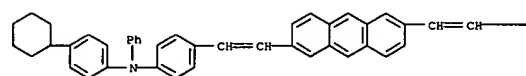


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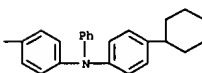


RN 333427-03-5 CAPLUS  
CN Benzenamine, 4,4'-(2,6-anthracenediylbis(2,1-ethenediyl))bis[N-(4-cyclohexylphenyl)]-N-phenyl- (9CI) (CA INDEX NAME)

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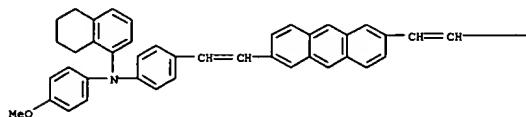


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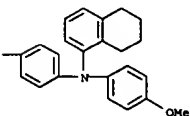


RN 333427-05-7 CAPLUS  
CN Benzenamine, 4,4'-(2,6-anthracenediylbis(2,1-ethenediyl))bis[N-(4-cyclohexyloxyphenyl)]-N-phenyl- (9CI) (CA INDEX NAME)

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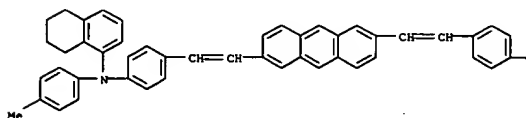


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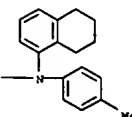


RN 333427-12-6 CAPLUS  
CN 1-Naphthalenamine, N,N'-[2,6-anthracenediylbis(2,1-ethenediyl)-4,1-phenylene]bis[5,6,7,8-tetrahydro-N-(4-methylphenyl)] (9CI) (CA INDEX NAME)

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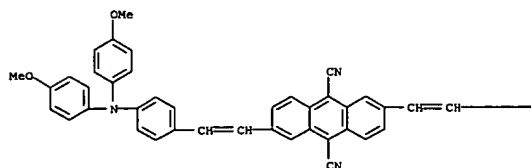
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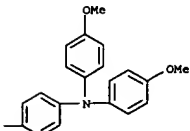
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L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
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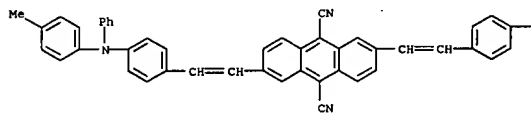


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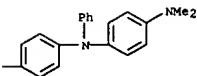
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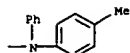
L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

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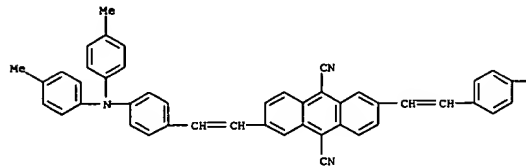
L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

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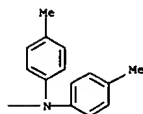


RN 333427-20-6 CAPLUS  
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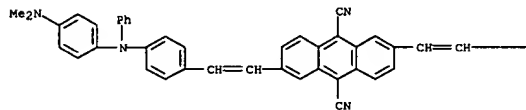


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RN 333427-22-8 CAPLUS  
 CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[4-(bis(dimethylamino)phenyl)phenylamino]phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN  
 AB Org. electroluminescent devices comprising an org. layer, which contains at least one distyryl compd. R1R2N-p-C6H4-CH:CHXCH:CH-p-C6H4-NR3R4 [R1,4

= H, or (un)substituted aryl or naphthyl; X = cyano, nitro or halo substituted anthracene].

ACCESSION NUMBER: 2001:78059 CAPLUS  
 DOCUMENT NUMBER: 134:139023  
 TITLE: Organic electroluminescent device  
 INVENTOR(S): Ishibashi, Tadashi; Ichimura, Mari; Tamura, Shinichiro  
 PATENT ASSIGNEE(S): Sony Corp., Japan  
 SOURCE: Eur. Pat. Appl., 31 pp.  
 CODEN: EPOXDW

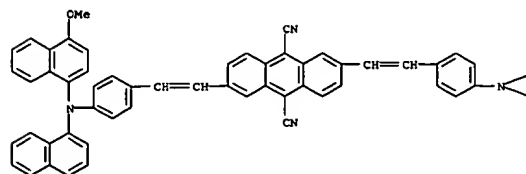
DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1072668	A2	20010131	EP 2000-402171	20000728
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
TW 463520	B	20011111	TW 2000-89113986	20000713
US 6495274	B1	20021217	US 2000-624146	20000721
JP 2001110571	A2	20010420	JP 2000-229659	20000728
CN 1283072	A	20010207	CN 2000-121795	20000731
PRIORITY APPLN. INFO.:				JP 1999-216308 A 19990730

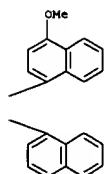
OTHER SOURCE(S): MARPAT 134:139023  
 IT 321709-38-0 321709-39-1 321709-41-5  
 321709-42-6 321709-44-8  
 KL: DEV (Device component use); USES (Uses)  
 (org. electroluminescent device)

RN 321709-38-0 CAPLUS  
 CN 9,10-Anthracenedicarbonitrile,  
 2,6-bis[2-[4-(4-methoxy-1-naphthalenyl)-1-naphthalenylamino]phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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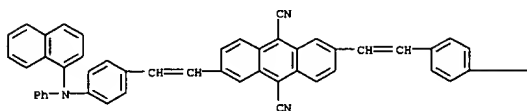


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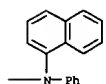


RN 321709-39-1 CAPLUS  
CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[4-(1-naphthalenylphenylamino)phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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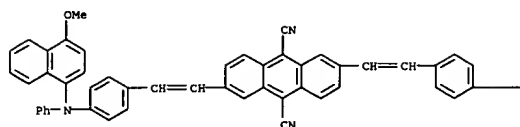


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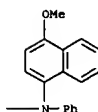


RN 321709-41-5 CAPLUS  
CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[4-[(4-methoxy-1-naphthalenyl)phenylamino]phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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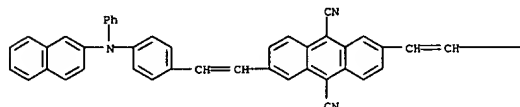


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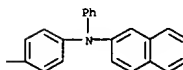


RN 321709-42-6 CAPLUS  
CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[4-(2-naphthalenylphenylamino)phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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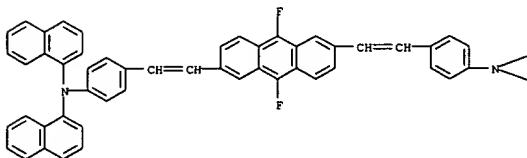


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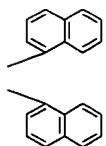


RN 321709-44-8 CAPLUS  
CN 1-Naphthalenamine, N,N'-[(9,10-difluoro-2,6-anthracenediyl)bis(2,1-ethenediyl-4,1-phenylene)]bis[N-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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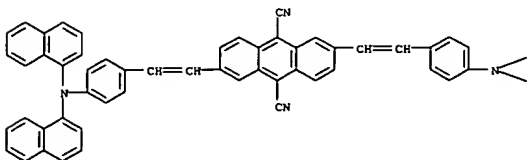


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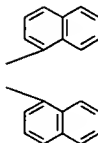


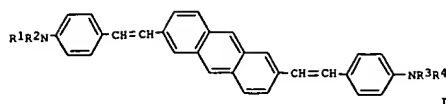
IT 321709-36-8  
RL: DEV (Device component use); USES (Uses)  
(org. electroluminescent devices employing distyryl compds.)  
RN 321709-36-8 CAPLUS  
CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[4-(di-1-naphthalenylamino)phenyl]ethenyl]- (9CI) (CA INDEX NAME)

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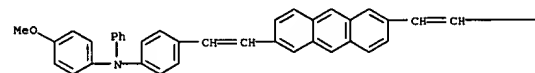
AB The invention refers to an org. electroluminescent device, suitable for use in flat panel displays such as computer monitors and TV screens, which contain the di-styryl compd. I [R1-4 = benzene substituted with at least one (un)satd. alkoxyl, or alkyl] as an electroluminescent material for red luminescence.

ACCESSION NUMBER: 2000:34394 CAPLUS  
DOCUMENT NUMBER: 132:85755  
TITLE: Organic electroluminescent component  
INVENTOR(S): Ishibashi, Yoshi; Ichimura, Mari; Tamura, Shinichiro  
PATENT ASSIGNEE(S): Sony Corp., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.  
CODEN: JKKXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000012228	A2	20000114	JP 1998-180583	19980626
US 2001038924	A1	20011108	US 1999-344211	19990624
US 6440585	B2	20020827		
CN 1242682	A	20000126	CN 1999-110983	19990625
KR 2000006491	A	20000125	KR 1999-24405	19990626
PRIORITY APPLN. INFO.:			JP 1998-180583	A 19980626

OTHER SOURCE(S): MARPAT 132:85755  
IT 253868-51-8  
RL: DEV (Device component use); USES (Uses)  
(org. electroluminescent component)  
RN 253868-51-8 CAPLUS  
CN Benzenamine, 4,4'-(2,6-anthracenediyl-di-2,1-ethenediyl)bis(N-(4-methoxyphenyl)-N-phenyl- (9CI) (CA INDEX NAME)

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\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

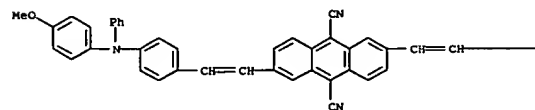
AB The invention refers to an org. electroluminescent device, suitable for use in flat panel displays such as computer monitors and TV screens, which contains the di-styryl compd. I [R1-4 = identical Ph substituted with at least one (un)satd. alkoxyl, or alkyl; and R5-12 contain at least one cyano, nitro or halo], and/or II [R18-25 contain at least one cyano, nitro, or halo] as an electroluminescent material for red luminescence.

ACCESSION NUMBER: 2000:32675 CAPLUS  
DOCUMENT NUMBER: 132:85740  
TITLE: Organic electroluminescent component  
INVENTOR(S): Ishibashi, Yoshi; Ichimura, Mari; Tamura, Shinichiro  
PATENT ASSIGNEE(S): Sony Corp., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 15 pp.  
CODEN: JKKXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

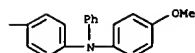
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000012227	A2	20000114	JP 1998-180582	19980626
US 6242116	B1	20010605	US 1999-339368	19990624
CN 1241893	A	20000119	CN 1999-111215	19990625
PRIORITY APPLN. INFO.:			JP 1998-180582	A 19980626

OTHER SOURCE(S): MARPAT 132:85740  
IT 253868-96-1 253869-00-0  
RL: DEV (Device component use); USES (Uses)  
(org. electroluminescent component)  
RN 253868-96-1 CAPLUS  
CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[4-(4-methoxyphenyl)phenylamino]phenyl]ethenyl]- (9CI) (CA INDEX NAME)

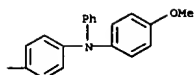
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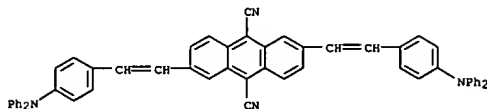
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RN 253869-00-0 CAPLUS  
CN 9,10-Anthracenedicarbonitrile, 2,6-bis[2-[4-(diphenylamino)phenyl]ethenyl]- (9CI) (CA INDEX NAME)



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COST IN U.S. DOLLARS

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

SINCE FILE	TOTAL
ENTRY	SESSION
36.76	185.12

SINCE FILE	TOTAL
ENTRY	SESSION
-4.56	-4.56

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